Fig. 1
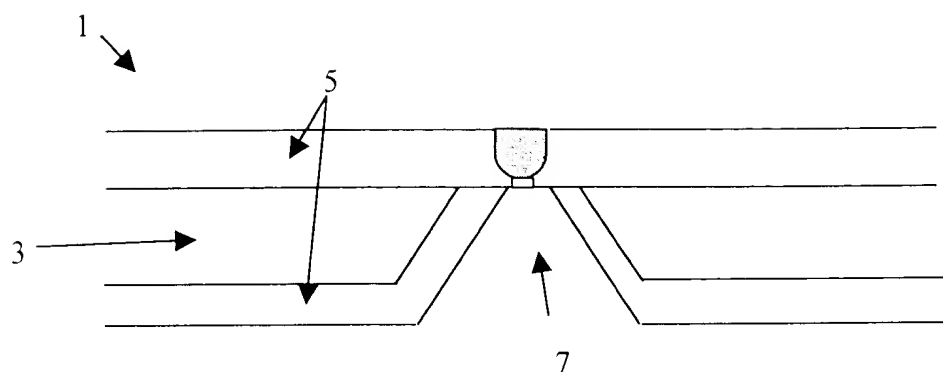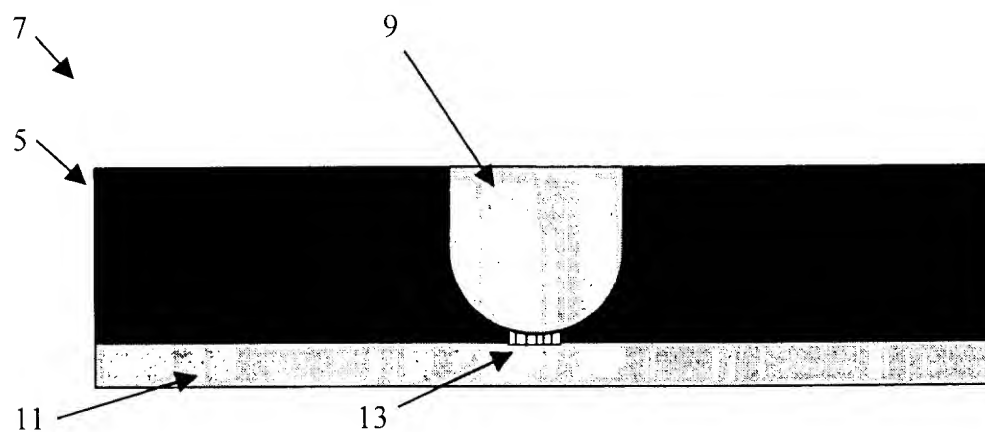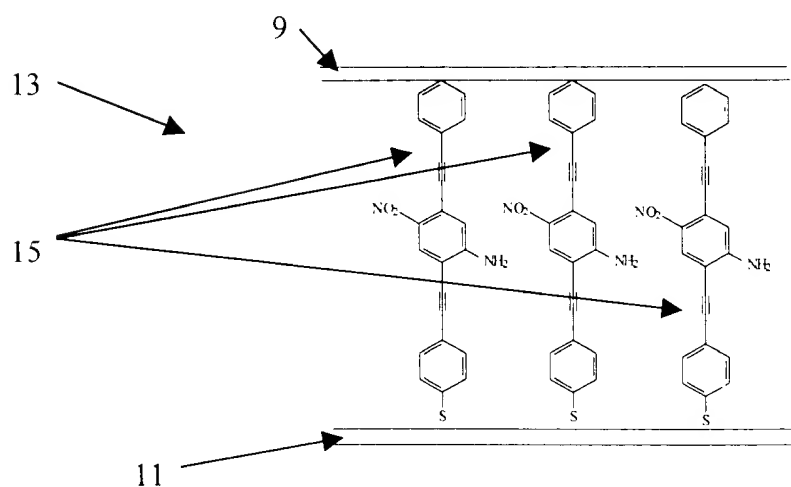

Fig. 2

Fig. 3

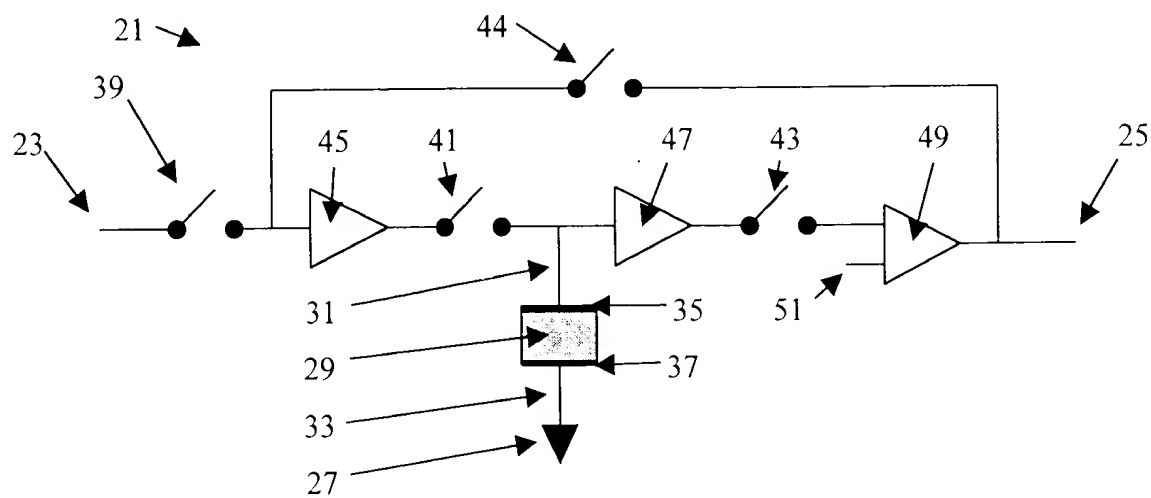Fig. 4

21
39
23
44
45   41   47   43   49   25
31
35
29
37
33
51
27

Fig. 5

V_{ref+}
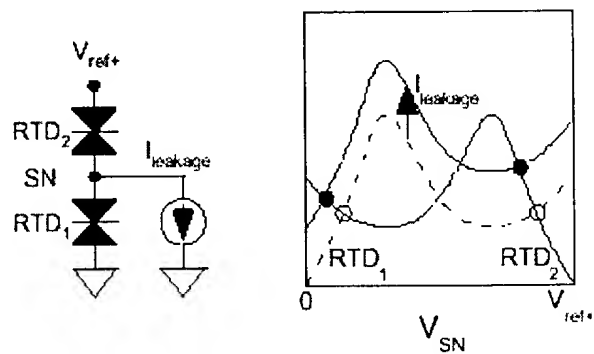
RTD_2

SN $I_{leakage}$
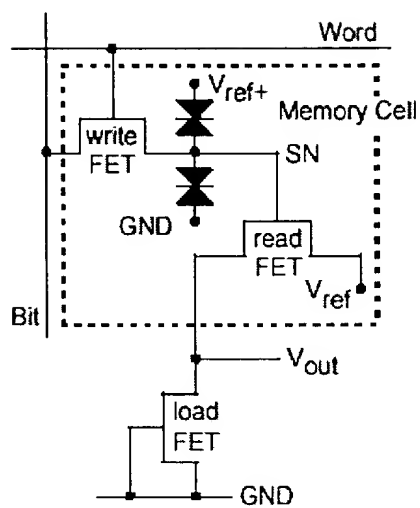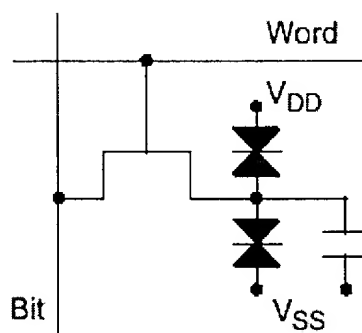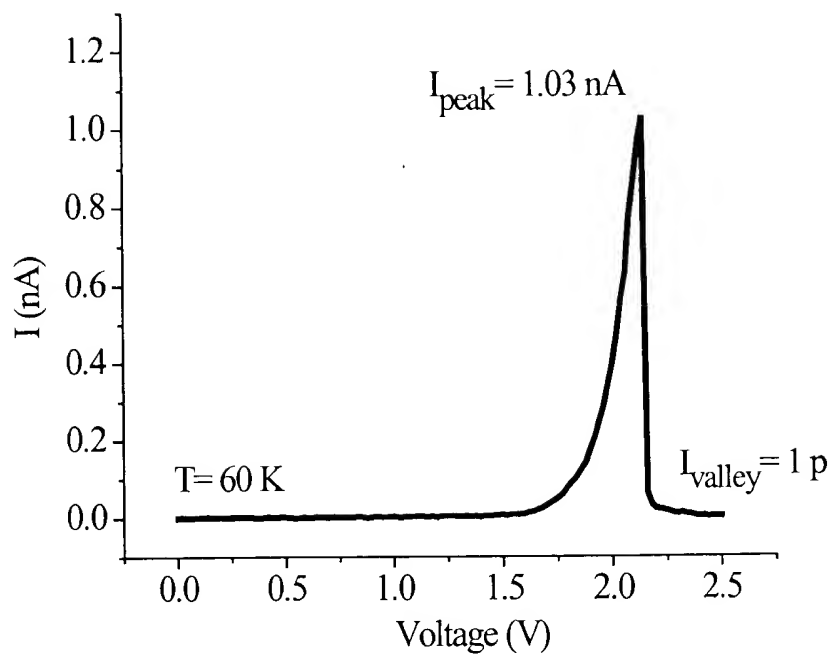
RTD_1

$I_{leakage}$

RTD_1 RTD_2

0   V_{ref+}

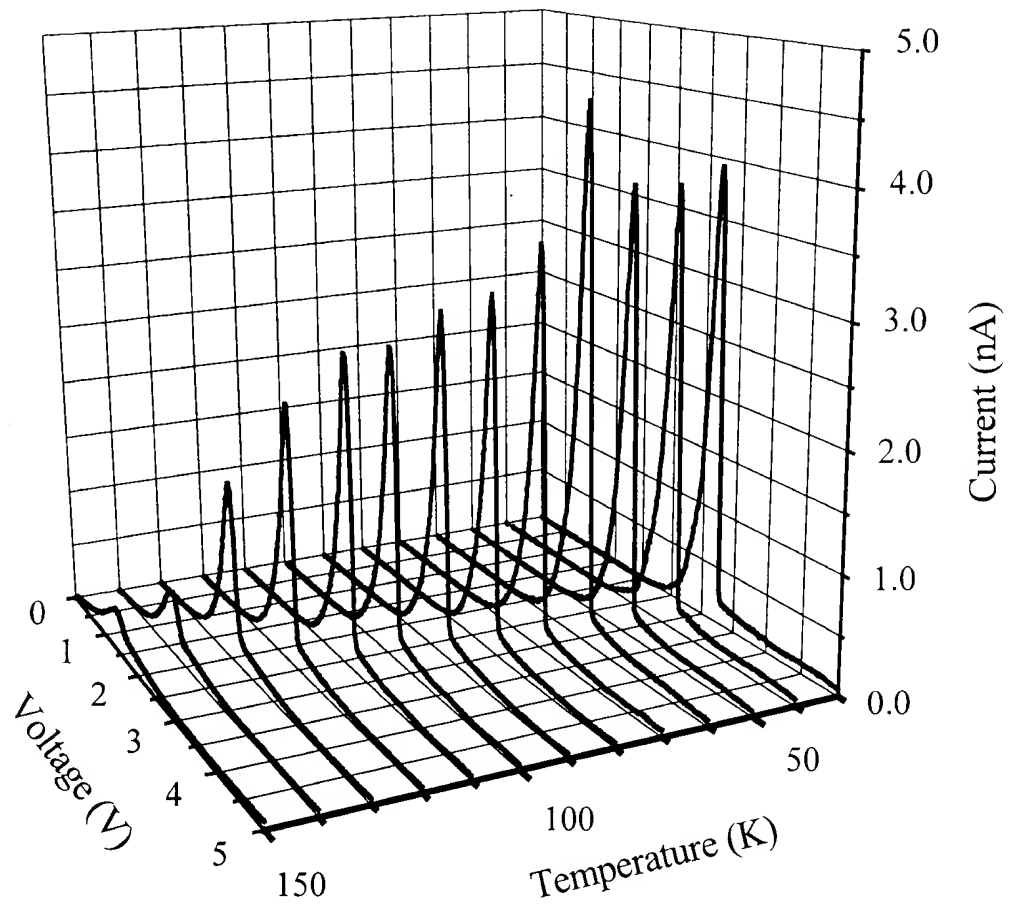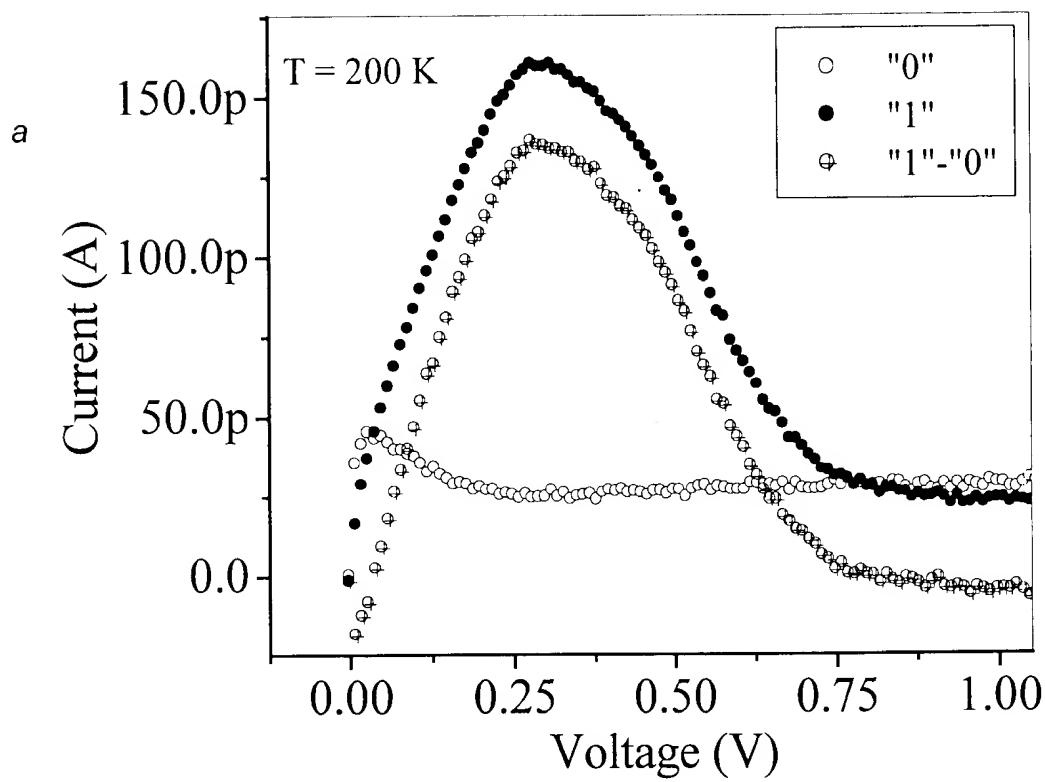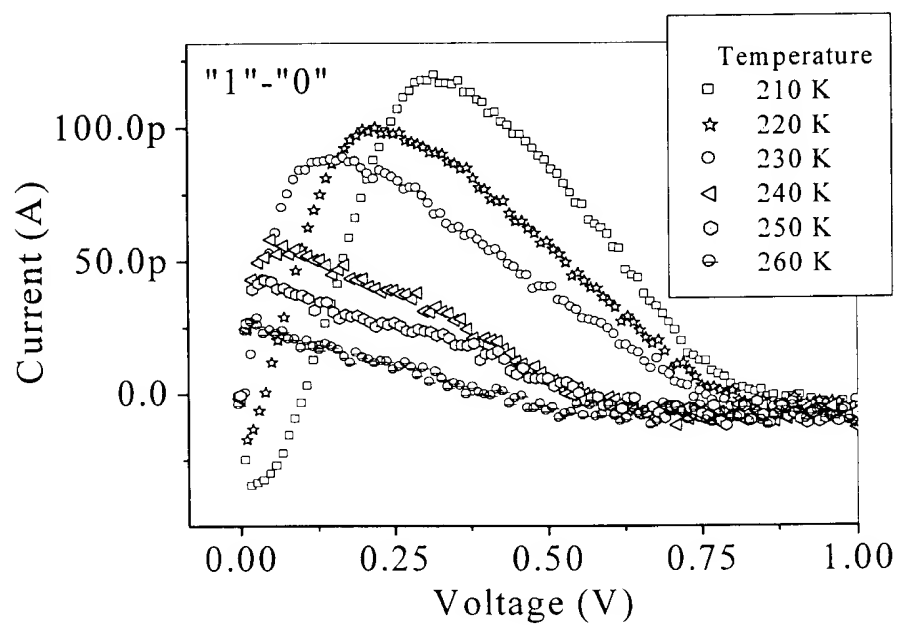V_{SN}

Fig. 6

Fig. 7
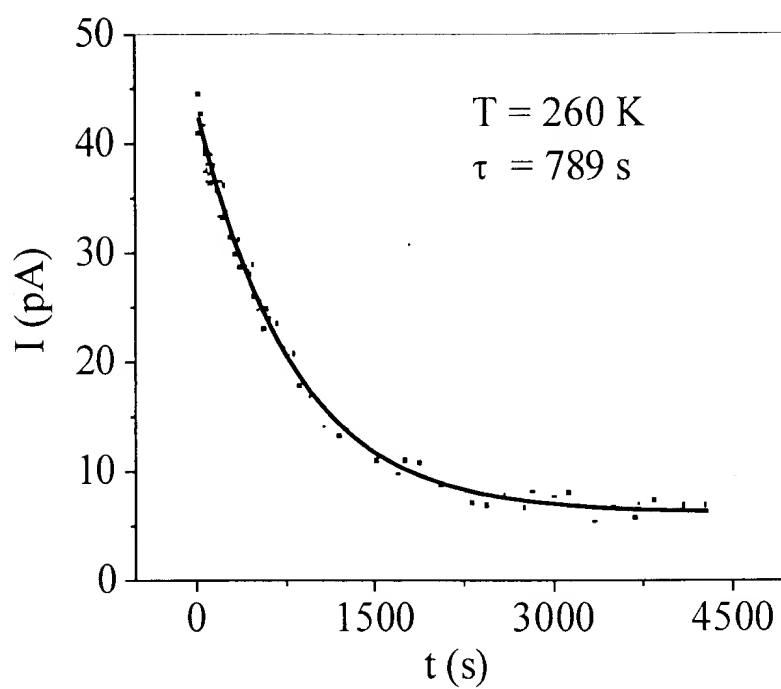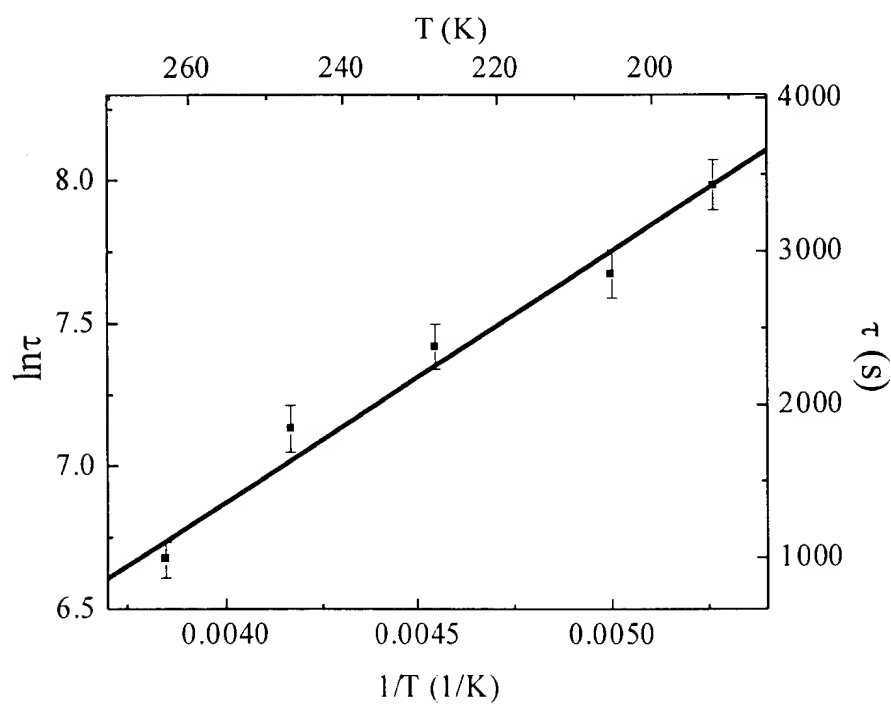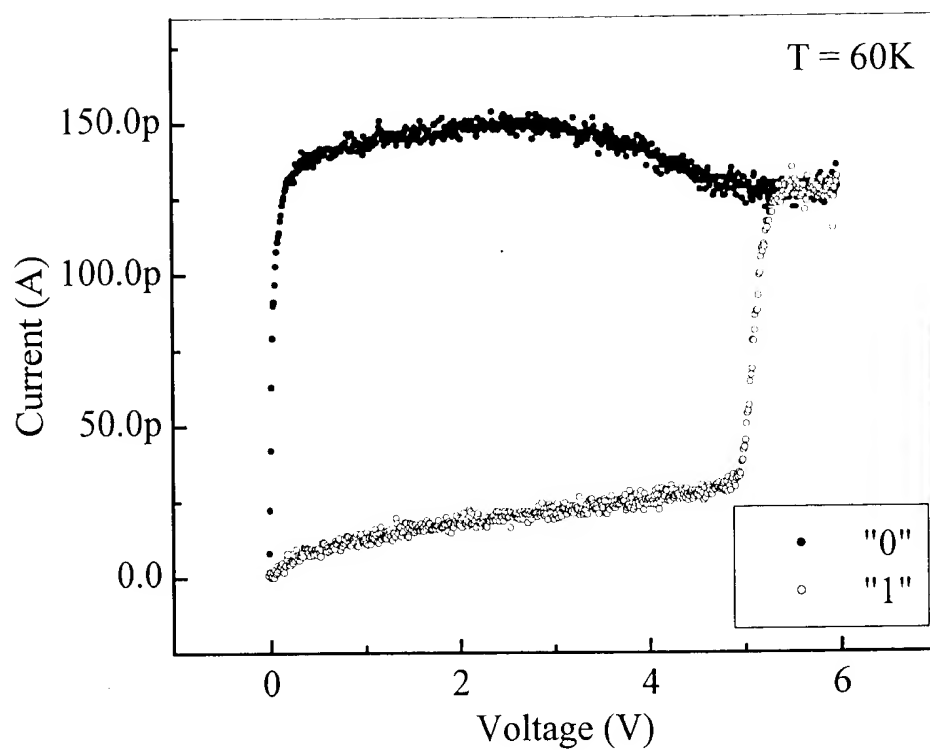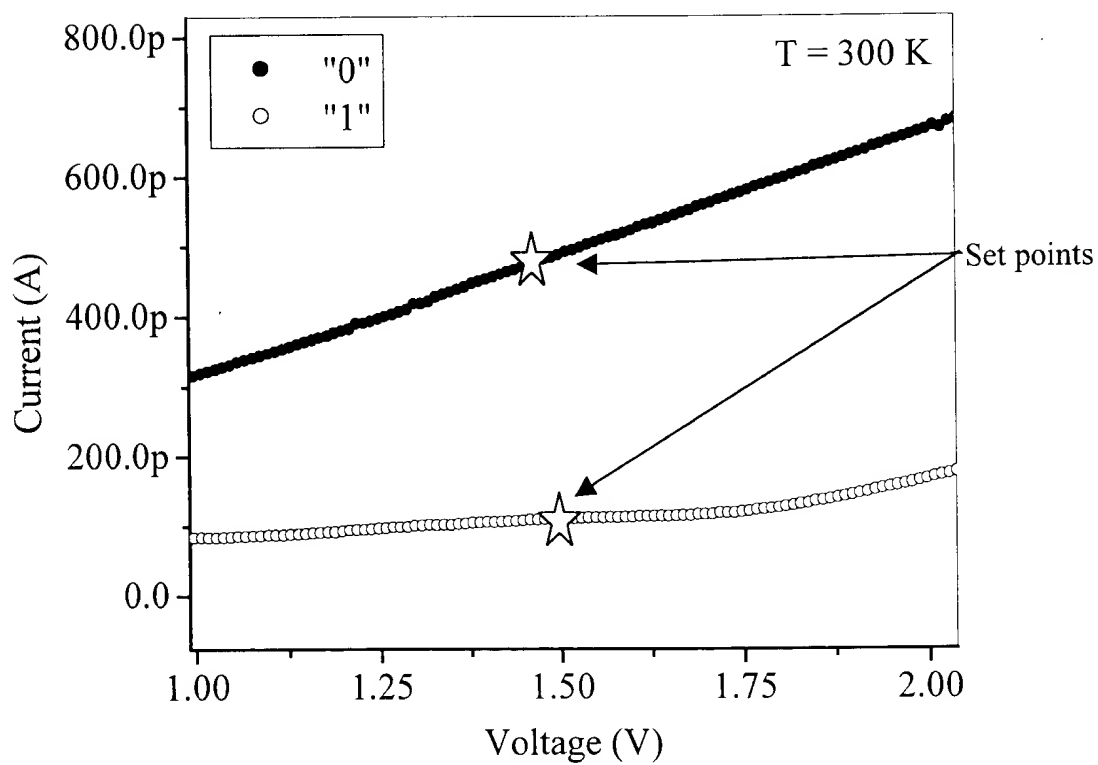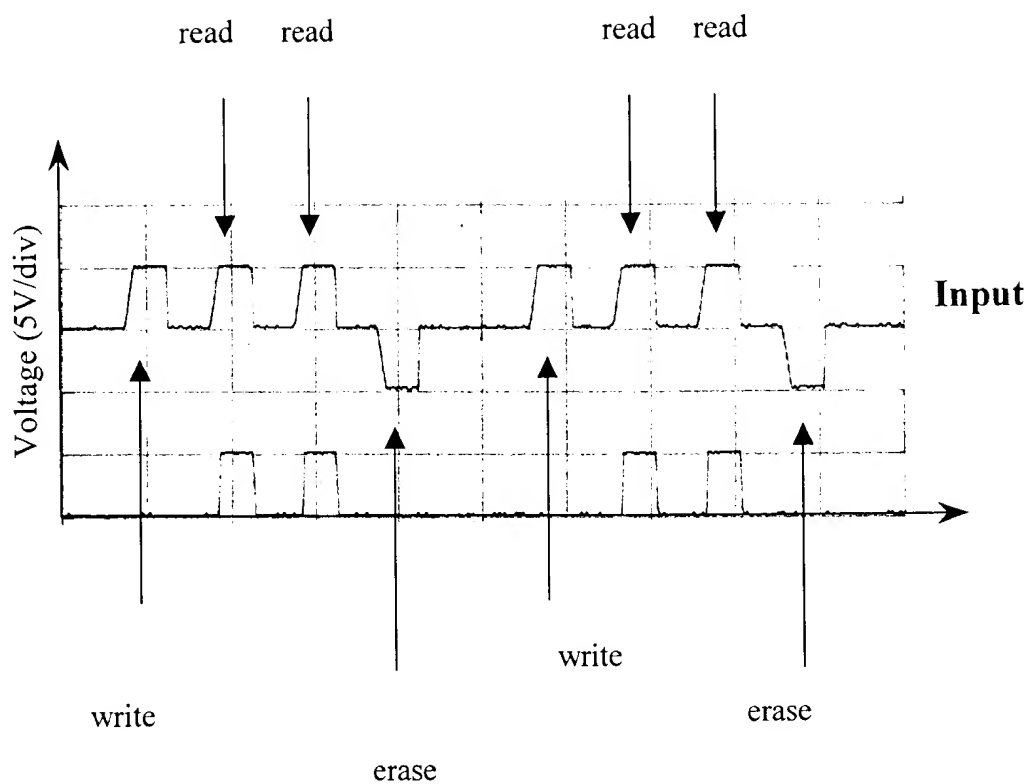
Fig. 8

Fig. 9

Fig. 10

a

Fig. 11

Fig. 12

T = 260 K
τ = 789 s

Fig. 13

Fig. 14

Fig. 15

Fig. 16

Fig. 17

T = 300K

Current (A): 400.0p, 300.0p, 200.0p, 100.0p, 0.0

Voltage (V): 0.0, 0.5, 1.0, 1.5, 2.0, 2.5

Fig. 18

T = 190 K

Current (A): 800.0p, 600.0p, 400.0p, 200.0p, 0.0

Voltage (V): 0.0, 0.5, 1.0, 1.5, 2.0, 2.5

Fig. 19

Fig. 20